

1 10. The process according to claim 9 wherein the
2 pH-dependent polymer is selected from the group



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9 acid ester, diethyl phthalate, dibutyl phthalate, castor
10 oil, triacetin, and mixtures thereof; the ultraviolet
11 protector is selected from the group consisting of carbon
12 black, a benzophenone, a dye, titanium dioxide, and
13 mixtures thereof; the activity enhancer is a stilbene
14 compound; and the glidant is selected from the group
15 consisting of talc, magnesium stearate, calcium stearate,
16 calcium sulfate, and mixtures thereof.

20. The ~~coated~~ pesticidal matrix according to claim
19 wherein the pH-dependent polymer is selected from the
group consisting of an ethyl acrylate/methacrylic acid
copolymer wherein the ratio of free carboxyl groups to
esters is about 1:1, a methyl methacrylate/methacrylic
acid copolymer wherein the ratio of free carboxyl groups
to esters is from about 1:1 to about 1:2, a methacrylic
acid/methyl acrylate/methyl methacrylate copolymer
wherein the ratio of monomers is about 1:5:2 to 3:7:3,
and mixtures thereof; the plasticizer is selected from
the group consisting of triethyl citrate and a
poly(ethylene glycol) having an average molecular weight
of about 1,000 to 10,000; and the stilbene compound is
selected from the group consisting of Blancophor BBH,
Calcofluor White M2R, Phorwite AR, and mixtures thereof.

21. The ~~coated~~ pesticidal matrix according to claim
17 wherein the pesticidal agent is a chemical insecticide
or a biological insecticide.

22. The ~~coated~~ pesticidal matrix according to claim
21 wherein the chemical insecticide is selected from the
group consisting of chlorfenapyr, hydramethylnon,
imidacloprid, 1-(6-chloro-3-pyridyl)-2-(nitromethylene)-
imidazolidine, fipronil, and 1-[1-(p-chlorophenyl)-2-

6 fluoro-4-(4-fluoro-3-phenoxyphenyl)-2-butenyl]cyclo-
7 propane, (R,S)-(Z)-, and mixtures thereof.

1 23. The ~~coated~~ pesticidal matrix according to claim 21
2 wherein the biological insecticide is selected from the
3 group consisting of V8vEGTDEL, V8vEGTDEL-AaIT, *Heliothis*
4 *zea* NPV, *Lymantria dispar* NPV, AcMNPV E2, AcMNPV L1,
5 AcMNPV V8, AcMNPV Px1, and *Bacillus thuringiensis*, and
6 mixtures thereof.

1 24. The ~~coated~~ pesticidal matrix according to claim
2 17 having a particle size of less than about 20 μ m.

1 25. The ~~coated~~ pesticidal matrix according to claim
2 24 having a particle size of about 2 μ m to 10 μ m.

1 26. A wettable powder pesticidal composition which
2 comprises about 0.5 to 40% by weight of a dispersing
3 agent; about 1 to 10% by weight of a flow enhancing
4 agent; about 10 to 70% by weight of a bulking agent; 0 to
5 about 25% by weight of a wetting agent; 0 to about 35% by
6 weight of a pH-modifying agent; and about 5 to 75% by
7 weight of a ~~coated~~ pesticidal matrix according to claim
8 17.

1 27. The composition according to claim 26 which
2 comprises about 2 to 15% by weight of the dispersing
3 agent; about 1 to 10% by weight of the flow enhancing
4 agent; about 10 to 60% by weight of the bulking agent;
5 0 to about 15% by weight of the wetting agent; 0 to about
6 20% by weight of the pH-modifying agent; and about 5 to
7 75% by weight of the ~~coated~~ pesticidal matrix.



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